

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078406627

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078706170

**MATERIAL SAFETY DATA SHEET**

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200

| SECTION I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  |                         |   |                                 |            |
|--|-------------------------|---|---------------------------------|------------|
| <b>IDENTITY (As Used on Label and List)</b>  |                         | <b>Product Number(s)</b>                |                                 |            |
| <b>True Name: Mycobacterium Cell Wall Fraction Immunostimulant</b>   |                         | USDA Product Code 9300.02               |                                 |            |
| <b>Trade Name: IMMUNOBOOST</b>   |                         |   |                                 |            |
| <b>Manufacturer's Name</b>   |                         | <b>Emergency Telephone Number</b>       |                                 |            |
| Bioniche Animal Health USA, Inc.   |                         | 1-706-549-4503                          |                                 |            |
| <b>Address (Number, Street, City, State and ZIP Code)</b>  |                         | <b>Telephone Number for Information</b> |                                 |            |
| 119 Rowe Rd.,  |                         | 1-706-549-4503                          |                                 |            |
| Athens, GA 30601   |                         | <b>Date Prepared</b>                    |                                 |            |
|  |                         | January 29, 2003                        |                                 |            |
|  |                         | <b>Signature of Preparer (optional)</b> |                                 |            |
|  |                         |   |                                 |            |
| SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS   |                         |   |                                 |            |
| <b>COMPOSITION:</b>  |                         |   |                                 |            |
| <b>Hazardous Components (Specific Chemical Identity, Common Name(s), CAS Number)</b>   | <b>OSHA PEL</b>         | <b>ACGIH TLV</b>                        | <b>Other Limits Recommended</b> | <b>%</b>   |
| Not Applicable (N/A)   |                         |   |                                 |            |
|  |                         |   |                                 |            |
|  |                         |   |                                 |            |
|  |                         |   |                                 |            |
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|  |                         |   |                                 |            |
| SECTION III - HAZARDS IDENTIFICATION   |                         |   |                                 |            |
| <b>Appearance and Odor.</b> White with slight oil odor   |                         |   |                                 |            |
| <b>OSHA / DOT Hazard Classification(s)</b> Exception to DOT/ICAO/IMDG regulation granted by DOT/RSPA CA-9711024  |                         |   |                                 |            |
| <b>Potential Health Hazards</b> N/A  |                         |   |                                 |            |
| SECTION IV - FIRST AID MEASURES  |                         |   |                                 |            |
| <b>Signs and Symptoms of Exposure</b> N/A  |                         |   |                                 |            |
| <b>Medical Conditions Generally Aggravated by Exposure</b> N/A   |                         |   |                                 |            |
| <b>Emergency and First Aid Procedures</b> If contact with eye occurs, slight irritation may result. Flush eye with water for several minutes. See note below.                        |                         |   |                                 |            |
| <b>Notes To Physicians</b> Due to small oil content, if human injection (Subcutaneous or intramuscular) occurs, treat with standard procedures used for any oil or grease injection. |                         |   |                                 |            |
| SECTION V - FIRE FIGHTING MEASURES   |                         |   |                                 |            |
| <b>Flash Point (°C / °F) (Method Used)</b> Unknown   | <b>Flammable Limits</b> | Unknown                                 | <b>LEL</b>                      | <b>UEL</b> |
| <b>Extinguishing Media</b> N/A   |                         |   |                                 |            |
| <b>Special Fire Fighting Procedures</b> N/A  |                         |   |                                 |            |
| <b>Unusual Fire and Explosion Hazards</b> N/A  |                         |   |                                 |            |
| SECTION VI - ACCIDENTAL RELEASE MEASURES   |                         |   |                                 |            |
| <b>Steps to Be Taken in Case Material Is Released or Spilled</b> None  |                         |   |                                 |            |

|  |                                      |   |                          |
|--|--------------------------------------|---|--------------------------|
| <b>SECTION VII – HANDLING AND STORAGE</b>  |                                      |   |                          |
| Precautions to Be Taken in Handling and Storing - None other than label storage recommendations. |                                      |   |                          |
| Other Precautions N/A  |                                      |   |                          |
| <b>SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION</b>                                     |                                      |   |                          |
| Respiratory Precaution (Specify Type) N/A  |                                      |   |                          |
| Ventilation N/A  | Local Exhaust N/A                    | Special N/A   |                          |
|  | Mechanical (General) N/A             | Other   |                          |
| Protective Gloves N/A  | Eye Protection - Yes                 |   |                          |
| Other Protective Clothing or Equipment N/A   |                                      |   |                          |
| Work/Hygienic Practices N/A  |                                      |   |                          |
| <b>SECTION IX- PHYSICAL AND CHEMICAL PROPERTIES</b>  |                                      |   |                          |
| Flash Point (°C / °F) (Method Used) - >200 °F (>93.3°C)  | Flammable Limits -<br>Unknown        | LEL   | UEL                      |
| Appearance -<br>White liquid   | Boiling Point (°C / °F) -<br>Unknown | Specific Gravity (H <sub>2</sub> O = 1) -<br>Unknown      | pH<br>Neutral            |
| Odor -<br>Slight oil odor  | Vapor Pressure (mm Hg.) -<br>Unknown | Freezing / Melting Point (specify) (°C / °F) -<br>Unknown |                          |
| Physical State<br>Liquid with consistency of milk  | Vapor Density (AIR = 1) -<br>Unknown | Evaporation Rate - Unknown<br>(Butyl Acetate = 1)         |                          |
| Solubility in Water  |                                      |   |                          |
| <b>SECTION X - STABILITY AND REACTIVITY DATA</b>   |                                      |   |                          |
| Stability  | Unstable                             |   | Conditions to Avoid None |
|  | Stable                               | X   |                          |
| Incompatibility (Materials to Avoid) None  |                                      |   |                          |
| Hazardous Decomposition or Byproducts None   |                                      |   |                          |
| Hazardous Polymerization   | May Occur                            |   | Conditions to Avoid None |
|  | Will Not Occur                       | X   |                          |
| <b>SECTION XI - TOXICOLOGICAL INFORMATION</b>  |                                      |   |                          |
| Acute Data N/A   |                                      |   |                          |
| Target Organs N/A  |                                      |   |                          |
| Carcinogenicity: N/A   |                                      |   |                          |
| Special Studies (epidemiology, carcinogenicity, other studies relevant to subject materials) N/A |                                      |   |                          |
| <b>SECTION XII - ECOLOGICAL INFORMATION</b>  |                                      |   |                          |
| Ecotoxicity (fish and invertebrates, plant life, birds, other) N/A                               |                                      |   |                          |
| Environmental Fate (persistence, degradation, hydrolytic/photolytic stability, etc.) N/A         |                                      |   |                          |
| <b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>  |                                      |   |                          |
| EPA / RCRA Waste Numbers under RCRA 40CFR 261 N/A  |                                      |   |                          |
| Waste Disposal Method No Restrictions  |                                      |   |                          |
| Special instruction or specific limitations N/A  |                                      |   |                          |

| SECTION XIV - TRANSPORT INFORMATION  |  |                       |                                  |              |
|--|--|-----------------------|----------------------------------|--------------|
| TRANSPORTATION:  | <u>GROUND</u>  | <u>DOMESTIC AIR</u>   | <u>INT'L AIR</u>                 | <u>OCEAN</u> |
| SHIPPING NAME  |  |                       |                                  |              |
| UN/ID NONOT  |  |                       |                                  |              |
| CLASS  |  |                       |                                  |              |
| PACKING GRP  |  |                       |                                  |              |
| LABELS   |  |                       |                                  |              |
| MARKING  |  |                       |                                  |              |
| PACKAGING INST   |  |                       |                                  |              |
| DOCUMENTATION  |  |                       |                                  |              |
| REFERENCE  | Note: Existing U.S. regulations contain a categorical exemption from hazardous materials transport regulations for biological products such as Regressin . Ref: 49 CFR Paragraph 173.134(b)(1)(i). |                       |                                  |              |
| SECTION XV - REGULATORY INFORMATION  |  |                       |                                  |              |
| UN REGULATIONS, TRANSPORT OF DANGEROUS GOODS N/A   |  |                       |                                  |              |
| OSHA N/A   |  |                       |                                  |              |
| DOT / IATA/ IMDG   | DOT: 49 CFR; para. 173.134 & 196   | IATA: para. 3.6.7 / 8 | DOT / RSPA: Exception CA-9711024 |              |
| EPA / RCRA N/A   |  |                       |                                  |              |
| SECTION XVI - OTHER N/A  |  |                       |                                  |              |
| Right To Know Hazard Information (4 = Severe Hazard; 3 = Serious Hazard; 2 = Moderate Hazard; 1 = Slight Hazard; 0 = Minimal Hazard) |  |                       |                                  |              |
| Health = 0 -   | Fire = 0 -   | Reactivity = 0 -      | Other (specify) = -              |              |
| Key / Legends Used "N/A" = Not Applicable  |  |                       |                                  |              |
| Preparation Date   | November 30, 1998  |                       |                                  |              |
| Revision Information   | N/A  |                       |                                  |              |
| Other  |  |                       |                                  |              |

The information contained herein is considered to be correct as of the date of this data sheet but does not purport to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Bioniche Animal Health USA, Inc. assumes no responsibility for damages caused by the use, storage or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.